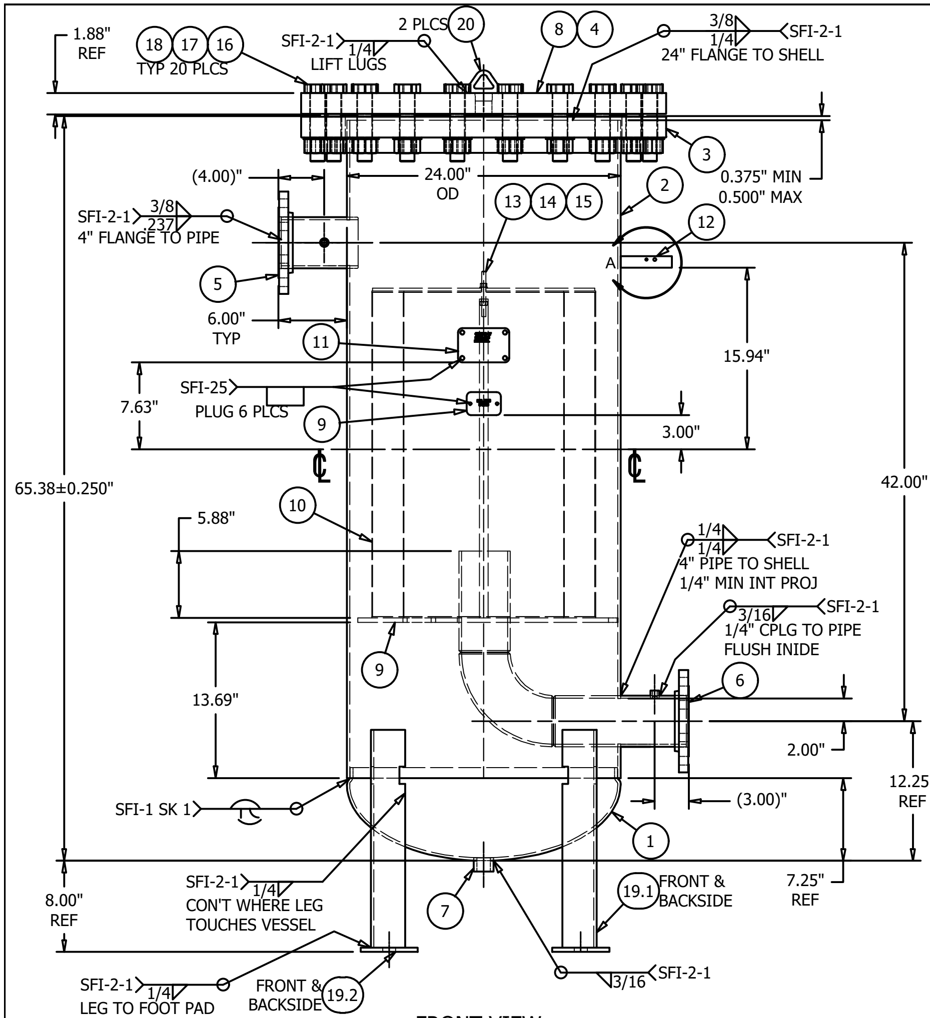
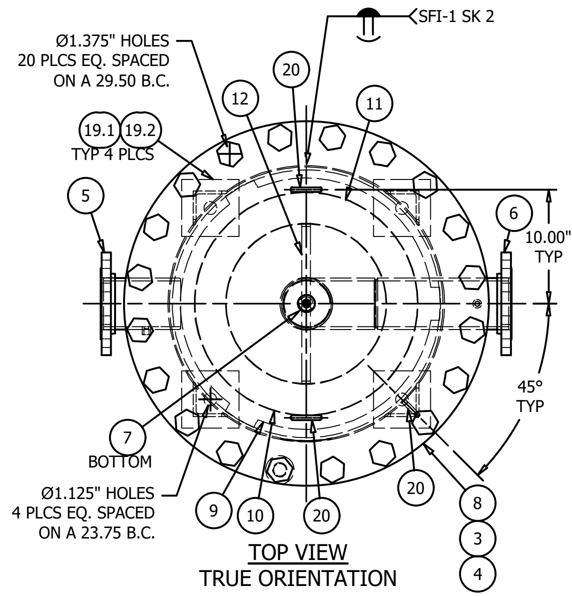
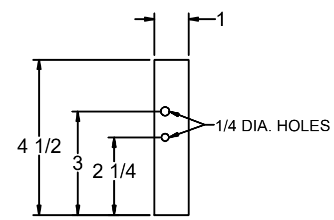


FRONT VIEW
TRUE ELEVATION



TOP VIEW
TRUE ORIENTATION

ITEM	DESCRIPTION	QTY
1	HEAD 24.00 OD 0.235M/0.250N SA516-70 2:1 SE JOG	1
2	SHELL BURNT 0.250 CS SA455 57.75 X 24.00 OD	1
3	FLG 24.00 CS SA105 150# B16.5 RFSO	1
4	GASKET 24" RING (NEOPRENE)	1
5	RFSO ASSY 4.000 150# S40 (.237 WALL) 7.000 SA105 B16.5/SA106-B	1
6	RFSO ELBOW ASY 4.000 150# S40 (.237W) 14.94 X 17.93 SA105 B16.5/SA106-B	1
7	CPLG 1.000 NPT SA105 ANSI B16.11 3000# HALF	1
8	COVER 24.00 SA105 B16.5	1
9	CUSTOMER TAG FOR 139-979SF SA240-304	1
10	FILTER ELEMENT - E3000	1
11	NAME PLATE FOR 139-979SF SA240-304	1
12	DPG GAUGE PLATE	1
13	STUD 3/8-16 UNC X 4 LG SA193 B8 T304	1
14	WASHER FLAT 3/8 ZINC PLTD	1
15	NUT 3/8-16 UNC HEX ZINC PLTD	2
16	BOLT 1 1/4-7 UNC HEX X 6 ZINC PLTD	20
17	WASHER FLAT 1 1/4 ZINC PLTD	20
18	NUT 1 1/4-7 UNC HEX SA194-2H PLTD	20
19	ANGLE LEG ASY 0.250 SA36 3.00 X 3.00 X 19.50 LG	4
19.1	ANGLE CUT 0.250 SA36 3.000 X 3.000 X 19.13 LG	1
19.2	FOOT PAD 0.375 SA36 5.000 X 5.000 W/ 1-1/8" HOLE THRU	1
20	LUG 0.406 X 2.687 X 2.000 A105 LIFT (4850# MAX) (4:1)	2



DETAIL A

NOTES:
*SHELL CUT SIZE IS REFERENCE ONLY
*CPLG & FITTING 0.50 EXT PROJ TYP
*HEAD THICKNESS SHOWN IS SPECIFIED MINIMUM
*RADIUS INSIDE PROJECTED EDGES OF NOZZLES 1/8" MIN
*SEE PAGE 2 FOR FINISH
*ALL DIMS IN INCHES UNLESS NOTED OTHERWISE
*IMPACT TEST EXEMPT PER UG 20(f)

DESIGN & CALCULATIONS COMPLY WITH
ASME CODE SECTION VIII, DIV1.
LATEST EDITION

HEAD THK:	.235"	MIN	C.A.:	---	MAT'L	SA516-70	EFF	85 %
SHELL THK:	.250"	NOM	C.A.:	---	MAT'L	SA455	EFF	70 %

NAT'L BD: YES | STAMP " U "

VOLUME: 130 APPROX GAL

SHIPPING WEIGHT:

CRN: NONE

MAWP	150 PSI	AT	400 °F	
MDMT	-20 °F	AT	150 PSI	
TEST: HYDRO		AT	195 PSI	
TEST: PNEU		AT	195 PSI	

NANO PURIFICATION SOLUTIONS

ENG. APP'L / DATE
MH - 9/13/2018

QCM. APP'L / DATE
BW-9/18/2018

A.I. VERIFICATION / DATE
BQ-9/19/2018

MODEL: MEL 3000

BURLINGTON, ONT — LEBANON, VA

DRAWN BY: IDV/MH

DATE: 9/12/2018

P/N 139-979SF

PAGE: PAGE 1 OF 2

REV.: B